CCC AP65
TEST REPORT

Project :	Quality Assurance
Location :	Production Stock
Client :	Road Metals Company Limited
Contractor :	Various
Sampled by :	David Ohs
Date sampled :	15 January 2025
Sampling method :	NZS 4407: 2015 (2.4.6.3.2)
Sample description :	CCC AP65
Sample condition :	Damp as received
Source :	Waimakariri Quarry

Project No :	6-JRMCO.16/6LC
Lab Ref No :	CH12305
Client Ref No :	Chris Newcombe

Particle Size Distribution

Sieve Size (mm)	Percentage Passing		
	Sample	Lower Limit - Coarse	Upper Limit - Fine
63.0	100	100	100
37.5	84	60	90
19.0	56	45	65
9.5	40	30	50
4.75	28	20	40
2.36	21	10	28
1.18	16	7	22
0.600	13	5	16
0.300	10	4	12
0.150	7	3	8
0.075	5	3	6

% passing the finest sieve is obtained by difference

Crushing Resistance

% Fines @ Spec. Load	-	%
Specification	-	%
Crushing Resistance	-	kN
Nom Aggregate Size	-	mm
Specified Load	-	kN

Broken Faces Content of Aggregate

Fraction (mm)	Percentage by Weight	
	Sample	Lower Limit
65.0 - 37.5	-	
37.5 - 19.0	-	
19.0 - 9.5	-	
9.5 - 4.75	-	

Plasticity Index

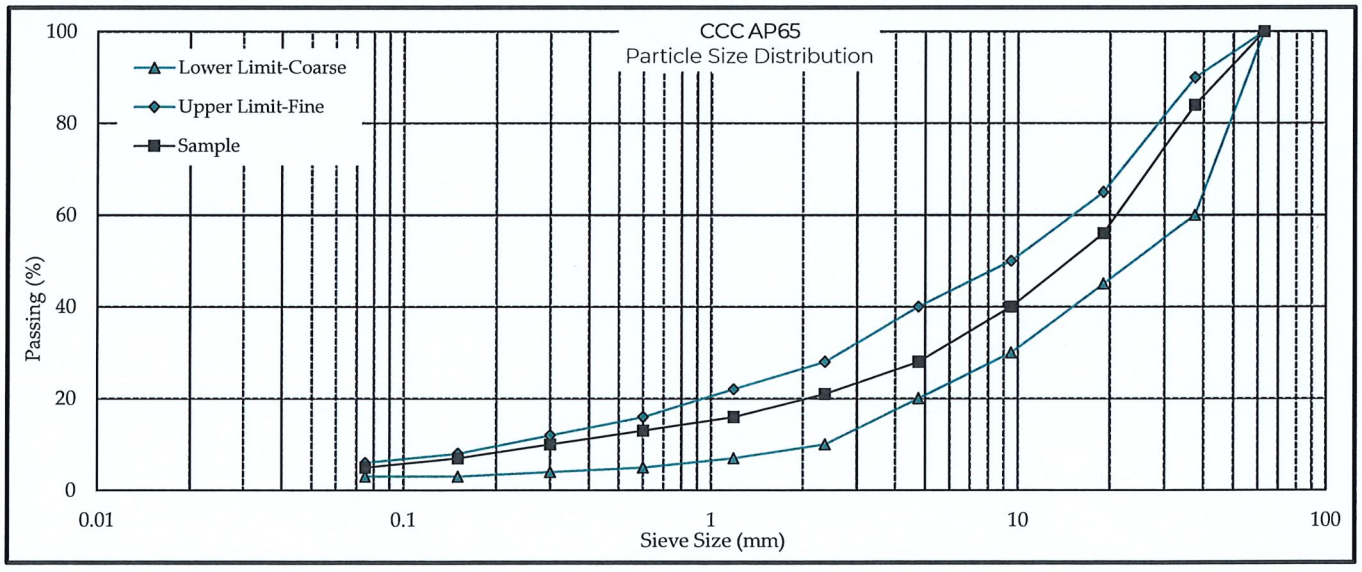
Sample PI	-
Specification	<= 5

Clay Index

Sample CI	-
Specification	<= 3

Sand Equivalent (Washed, Mechanical Shaking)

Sample SE	-
Specified	>= 40



Test Methods

Particle Size Distribution	NZS 4407 : 2015 : Test 3.8.1

Date tested : 20 January 2025
Date reported : 27 January 2025

Sampling is not covered by IANZ Accreditation. Results apply only to sample tested.
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IANZ Approved Signatory

Designation : *Laboratory Manager*
Date : 27 January 2025

ACCREDITED IANZ TESTING LABORATORY

Test results indicated as not accredited are outside the scope of the laboratory's accreditation

WSP New Zealand Limited
Christchurch Laboratory
Quality Management Systems Certified to ISO 9001

52C Hayton Rd, Wigram
PO Box 1482, Christchurch Mail Centre,
Christchurch 8140, New Zealand

Telephone +64 3 343 0739

Website www.wsp.com/nz

DRY DENSITY / WATER CONTENT RELATIONSHIP
VIBRATING COMPACTION

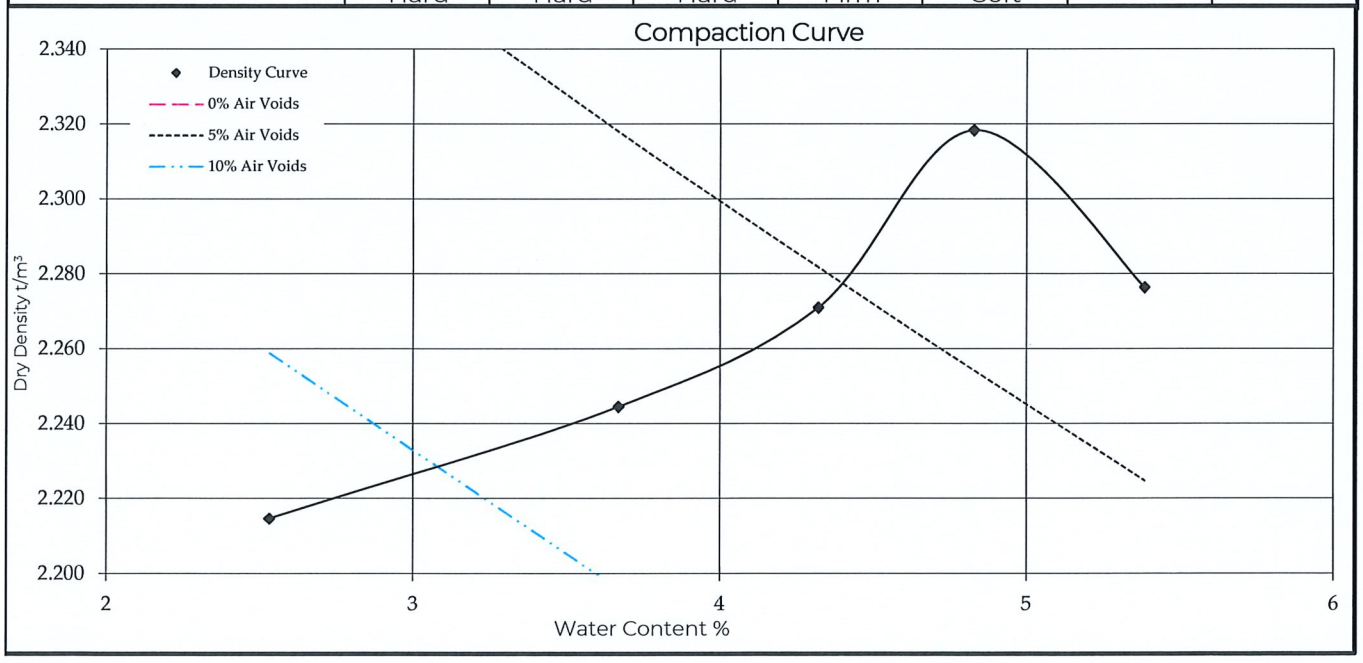
Project :	Quality Assurance
Location :	Production Stock
Client :	Road Metals Company Limited
Contractor :	Various
Sampled by :	David Ohs (Road Metals)
Date sampled :	15 January 2025
Sampling method :	NZS 4407: 2015 (2.4.6.3.2)
Sample description :	CCC AP65
Sample condition :	Damp as received
Solid density :	2.68 t/m³ (Assumed)
Source :	Waimakariri Quarry

Project No :	6-JRMCO.16/6LC
Lab Ref No :	CH12305
Client Ref No :	Chris Newcombe

Test Results

Maximum dry density	2.32 t/m³	Natural water content	3.7 %
Optimum water content	4.8 %	Fraction tested	Passing 37.5mm

Sample ID	-1%	Nat	+1%	+2%	+3%		
Bulk density t/m³	2.271	2.327	2.369	2.430	2.399		
Water content %	2.5	3.7	4.3	4.8	5.4		
Dry density t/m³	2.215	2.245	2.271	2.318	2.276		
Sample condition	Moist Hard	Moist Hard	Moist Hard	Wet Firm	Saturated Soft		



Test Methods		Notes
Compaction	NZS 4402 : 1986 : Test 4.1.3	

Date tested : 23 January 2025
Date reported : 27 January 2025

Sampling is covered by IANZ Accreditation
This report may only be reproduced in full

Approved Signatory

Designation : *Laboratory Manager*
Date : 27 January 2025

ACCREDITED IANZ TESTING LABORATORY

All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

WSP
Christchurch (Hayton Rd)
Quality Management Systems Certified to ISO 9001

52C Hayton Rd
PO Box 1482, Christchurch Mail Centre,
8140, Christchurch, New Zealand

Telephone 03 343 0739
Website www.wsp.com/nz